

20000928.qrp v01_n958.qrl.20000928

Date: Thu, 28 Sep 2000 19:03:04 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1958

QRP-L Digest 1958

Topics covered in this issue include:

- 1) [80315] QRP Bulls -- SS mini-contest
by Jim Stafford <w4qo@amsat.org>
- 2) [80316] RE: Latitude & longitude question
by Radman <radman@best.com>
- 3) [80317] Iowa QRP Journal - very nice!
by "Bowman, Brian" <b Bowman@amgen.com>
- 4) [80318] Re: National Radio Quiet Zone - What's it for??
by "Richard Clemens" <clemens@wvwc.edu>
- 5) [80319] Noisy on 40.
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 6) [80320] Re: Noisy on 40.
by "Paul Harden, NA5N" <na5n@rt66.com>
- 7) [80321] Re: National Radio Quiet Zone - What's it for??
by "Paul Harden, NA5N" <na5n@rt66.com>
- 8) [80322] Summer QRPp has arrived missing some pages though!
by "Donald Philbin" <donaldphilbin@hotmail.com>
- 9) [80323] Re: National Radio Quiet Zone - What's it for??
by "Mike Yetsko" <myetsko@insydesw.com>
- 10) [80324] Nice lil station.
by Gwendolyn <wendy_lyn@unforgettable.com>
- 11) [80325] CLub: IAQRP FTP site is down
by "John Burnley" <burnleyia@home.com>
- 12) [80326] Re: Parasite Contest
by "James R. Duffey" <jamesd1@flash.net>
- 13) [80327] Re: Parasite Contest
by "James R. Duffey" <jamesd1@flash.net>
- 14) [80328] Grid Squares, Latitude & Longitude, etc.
by "Ron McConnell" <rcmcc@lucent.com>
- 15) [80329] NEQRP WQ1RP CW Net, Thursday 9:PM EDT, 7.041MHz
by "C. J. Ludinsky" <cjl@mitre.org>
- 16) [80330] Epiphyte 3
by John Arnold <arnoldas@pacbell.net>
- 17) [80331] Knightlites QRP Net
by Bob Kellogg <ae4ic@nr.infi.net>
- 18) [80332] Re: Quiet Zone - GREAT INFO!
by S LYON <sslyon@worldnet.att.net>
- 19) [80333] Re: Latitude & longitude question

- by "Cla KA0GKC" <ka0gkc@arrl.net>
- 20) [80334] Re: Latitude & longitude question
by Rick McKee <kc8aon@juno.com>
- 21) [80335] AC7CF and AF4PS pull off 2 x QRPp K2 to K2
by Macstein@aol.com
- 22) [80336] u-310 FET Question
by Pete Burbank <plburbank@kih.net>
- 23) [80337] Club: IAQRP FTP site ...here's the deal
by "John Burnley" <burnleyia@home.com>
- 24) [80338] RE: u-310 FET Question
by "Ed Tanton" <n4xy@att.net>
- 25) [80339] PROP: Interesting solar story at...
by "Rod Cerkoney, N0RC" <n0rc@yahoo.com>
- 26) [80340] RE: Grid-squares
by Arthur Laurent <ALaurent@npr.org>
- 27) [80341] WTD: Switches for PM-2A
by "N3BJ" <qrpdx@earthlink.net>
- 28) [80342] Sept. 1994 QRPp
by "Thaire Bryant" <tbry37@ici.net>
- 29) [80343] RE: Grid-squares -- Caveat
by "Chuck Carpenter" <w5usj@globeco.net>
- 30) [80344] Appalachain Trail (PA) Activation Saturday
by Richard Arland <k7sz@epix.net>
- 31) [80345] Re: [qrparci] Appalachain Trail (PA) Activation Saturday
by Richard Arland <k7sz@epix.net>
- 32) [80346] RE: Grid-squares -- Caveat
by Arthur Laurent <ALaurent@npr.org>
- 33) [80347] WTD: Kenwood BT-5 AA battery case
by Ronald_A_Pfeiffer@res.raytheon.com
- 34) [80348] Re: AC7CF and AF4PS pull off 2 x QRPp K2 to K2
by "Brian" <brian@iquest.net>
- 35) [80349] RE: Grid-squares -- Caveat
by "Chuck Carpenter" <w5usj@globeco.net>
- 36) [80350] RE: Grid-squares
by "Karl F. Larsen" <k5di@zianet.com>
- 37) [80351] RE: Grid-squares
by "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>
- 38) [80352] Grid Square Resources
by "Chuck Carpenter" <w5usj@globeco.net>
- 39) [80353] RE: Grid-squares
by "Larry Wise" <lewise@txwises.com>
- 40) [80354] RE: QRP Bulls -- SS mini-contest
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 41) [80355] Re: Grid-squares
by "Mike Yetsko" <myetsko@insydesw.com>
- 42) [80356] UPDATED Pacificon Attendance List
by "K7FD-N7SG" <cqdx@teleport.com>
- 43) [80357] License renewal & FCC maze?

by "Steve/n0tu" <n0tu@webaccess.net>
44) [80358] Michigan QRP Net
by ekwik@rtimail.com
45) [80359] Re: Grid-squares -- Caveat
by GElam30092@aol.com
46) [80360] QRP propagation to Antarctica?
by "Gary Lee Phillips" <ka9nzi@arrl.net>
47) [80361] RE: Grid-squares
by Bill Walker <windal@azstarnet.com>
48) [80362] Sept '94 QRPP
by "Thaire Bryant" <tbry37@ici.net>
49) [80363] FS HW9
by Paul Antoniewicz <pja@sofsol.com>
50) [80364] Re: License renewal & FCC maze?
by Bob Nielsen <nielsen@oz.net>
51) [80365] 'Tis the season for stealth antennas
by "Gene Alan Williamson C." <genewill@ordata.com>
52) [80366] FS or Trade:Garmin GPS-45
by Bill Jones <kd7s@psnw.com>
53) [80367] Manual for HW-7
by "John Humphrey" <jhumphre@ultra-tech.com>
54) [80368] RE: License renewal & FCC maze?
by "Dean Rachwitz" <dean@totaltourtech.com>
55) [80369] RE: Grid-squares -CAVEAT
by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
56) [80370] Garmin GPS-45 Traded
by Bill Jones <kd7s@psnw.com>
57) [80371] Re: Antennas Feedline question....
by Bill Coleman AA4LR <aa4lr@radio.org>
58) [80372] Epiphyte 3 board dimensions?
by Russ Thorp <ke6yme@yahoo.com>
59) [80373] QRP-L Buy/Sell FAQ
by "Manager QRP-L" <manager@astro.cc.lehigh.edu>
60) [80374] Re: QRP propagation to Antarctica?
by Bill ROWLETT <kc4atu@yahoo.com>
61) [80375] FS: QEX Back Issues
by Larry East <w1hue@amsat.org>
62) [80376] Re: License renewal via ARRL
by "Steve/n0tu" <n0tu@webaccess.net>
63) [80377] Re: Summer QRPP has arrived missing some pages though!
by Dean W Manley <kh6b@juno.com>
64) [80378] CONTEST: QRP Contest Calendar - Oct 2000
by Ken Newman <N2CQ@citnet.com>
65) [80379] Appalachian Trail - Trip Report (Long)
by Ken Newman <N2CQ@citnet.com>
66) [80380] Re my LDG tuner request for info
by "M0CQG" <m0cqg@dial.pipex.com>

Date: Wed, 27 Sep 2000 19:05:25 -0400
From: Jim Stafford <w4qo@amsat.org>
To: qrp-l list <qrp-l@lehigh.edu>
Subject: [80315] QRP Bulls -- SS mini-contest
Message-ID: <39D27D34.B909FD7E@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all who signed up. But we need more Bull(s) in addition to Nils R!! Note that we can have more than one per section too. Check the status at: <http://personal.palouse.net/rfoltz/arci/bullst.htm>

If you didn't see the first post, check the contest.com web site at: <http://www.contesting.com/articles/107>

Don't get hung up on the 15 hour commitment, that is meant to be more like a goal. i.e. you do the most you can. No one is going to put a "clock" on you. hi hi

Let's have at least one per state if not one per section in this mini-contest.

--
Jim Stafford, W4Q0@arrl.net 770-993-9500
President - QRP ARCI <http://www.qrparci.org>
<http://www.qrparci.org/pix/arci050.gif>

Date: Wed, 27 Sep 2000 16:13:44 -0700
From: Radman <radman@best.com>
To: "'Rick McKee'" <kc8aon@juno.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [80316] RE: Latitude & longitude question
Message-ID: <01C0289D.EBCB0020@radman.vip.best.com>

Rick & the gang,

You might enjoy using an on-line lat/long conversion engine. Very easy to let the computer do the work ;) Try URL:
<http://www.directionsmag.com/latlong.asp>

It will convert: DMS to DM.m to D.d & vice versa. The site also gives you the formulae if you want to crank your own calcs.

One Amgen Center Drive
Thousand Oaks, CA 91320

bowman@amgen.com <mailto:bowman@amgen.com>

Date: Wed, 27 Sep 2000 19:05:39 -0400
From: "Richard Clemens" <clemens@wvwc.edu>
To: <ve6kbs@agt.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [80318] Re: National Radio Quiet Zone - What's it for??
Message-ID: <004d01c028d7\$743cdf80\$dd68010a@wvwc.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

And if you want to work someone is the Quiet Zone QRP or not just let me know...

--
Richard Clemens, KB8A0B
Harman, West Virginia
clemens@wvwc.edu

Date: Wed, 27 Sep 2000 19:33:07 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [80319] Noisy on 40.
Message-ID: <39D283B2.B385DBE4@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Did the sun kick up its heels tonight??? 40 sure seems noisy right about now (2330).

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Wed, 27 Sep 2000 18:18:08 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [80320] Re: Noisy on 40.
Message-ID: <Pine.SUN.4.10.10009271809130.6731-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 27 Sep 2000, T.J. "SKIP" Arey N2EI wrote:
> Did the sun kick up its heels tonight??? 40 sure seems noisy right about
> now (2330).

There are no significant geomagnetic storming in progress, and none expected over the next 2-3 days. However, the solar wind remains high (500-600 km/sec all day) due to a high speed coronal stream. These are streams of particles "leaking" out of a coronal hole. These high speed particles do keep conditions a bit unsettled.

THE GOOD NEWS: this unsettled (noisy) conditions on 40M is due to these particles, riding along the solar wind, striking us. As your local evening occurs, this means the solar wind is no longer striking the earth above YOUR head, and conditions will quiet down. The solar wind strikes the sun-facing side of the earth. So this noise will quiet down as evening progresses.

Never fail to remember, though, that not ALL the noise on the lower bands is due to the sun or geomagnetic disturbances. Much of it is being generated on planet earth ... AC power distribution systems, nearby noisy industries, lightning within a few hundred miles, etc. It all adds up! If you don't believe me ... wait for the next power failure in your area and IMMEDIATELY checkout 40M. The S-2 noise levels will astound you as all these electrical systems are dark.

72, Paul NA5N

Date: Wed, 27 Sep 2000 18:35:31 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: "Karl B. Staddon" <ve6kbs@agt.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [80321] Re: National Radio Quiet Zone - What's it for??
Message-ID: <Pine.SUN.4.10.10009271818210.6731-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 27 Sep 2000, Karl B. Staddon wrote:

> "The FCC may impose additional restrictions on a FRS station if the
> station is located at a point within the
> National Radio Quiet Zone (an area within the States
> of Maryland, Virginia and West Virginia). The Zone is
> the area bounded by:

The National Radio Quiet Zone was established to protect the radio telescopes at Green Bank, WVA and nearby Navy/U.S. Naval Observatory facilities. These are huge dish antenna's with extreme sensitivity for which very little radio frequency interference (RFI) can contaminate the science.

The National Radio Astronomy Observatory facilities at Green Bank is the sister observatory to where I work.

> Questions:

>
> What's the background on the creation of the Quiet Zone?

As stated above, to protect the very sensitive radio telescopes at Green Bank, WVA. Radio astronomy works in two basic ways ... continuum and spectral line.

Continuum is where the powers over a broad frequency range is measured. >From this, absolute temperatures, black body radiation parameters, etc. of the source is determined. If ANY signal crops up in the wide pass band used in continuum, the science is contaminated.

Spectral line is where you listen at a specific frequency related to where molecules are resonant, such as hydrogen. From this, the detailed maps rivaling optical astronomy are made. Any signal near the spectral line frequency totally contaminates the phasing between the different dish antennas and contaminates the science. Like having a hetrodyne on the frequency of your QSO!

So the quiet zone was established to protect these sciences.

> Are any transmitters permitted in the Quiet Zone?

All transmitters operating within the quiet zone must be specifically licensed and approved in writing by the NRAO and the FCC.

> Does this mean I've got to steer my QRP signals around the Quiet Zone
> hihi?

In this day of personal communications, to be honest, it is hard as heck to control this quiet zone. Too many cell phones, etc. whose harmonics fall within the protected radio astronomy bands. It's hard to enforce and hard to find the culprit when only flying through on the highway. You have no idea how much your cooperation is appreciated though!

When we built the VLA in the mid-70's, the NRAO applied for this area in New Mexico to also be designated a National Quiet Zone. The FCC declined, stating it has an enormous task to administer the ONE quiet zone, and would never establish another one. Since it couldn't be enforced, is one reason why the VLA got built out in the middle of the NM desert to limit out RFI exposure. And even we are now getting wiped out by the cell phones!

Enough trivia for one night -hi.

There is better information than what I offered on our website at:
www.nrao.edu Probably click on Green Bank

72, Paul NA5N

Date: Wed, 27 Sep 2000 17:40:12 PDT
From: "Donald Philbin" <donaldphilbin@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [80322] Summer QRPp has arrived missing some pages though!
Message-ID: <F66APsJs6oq4PKVRxH800006475@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

My summer QRPp has arrived, excellent articles and all...it's just that pages 9&10 and 59&61 are missing.

No complaining...just hope that the pages may be posted on the Norcal page for use to print and paste!

Paul Harden, many thanks for your "Learning Electronic Circuits from the Desert Ratt Regen Receiver" article..superb!

72,

D.K. Philbin KD6TK

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Share information about yourself, create your own public profile at <http://profiles.msn.com>.

Date: Wed, 27 Sep 2000 20:37:22 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <na5n@rt66.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [80323] Re: National Radio Quiet Zone - What's it for??
Message-ID: <003301c028e4\$47955f40\$0600a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul,

You said one, but I thought around Arecibo in Puerto Rico
also was a quiet zone?

Mike

Date: Wed, 27 Sep 2000 20:42:59 -0400
From: Gwendolyn <wendy_lyn@unforgettable.com>
To: <qrp-l@lehigh.edu>
Subject: [80324] Nice lil station.
Message-ID: <20000928004047.0CA6B4E1BB@pop401-leg.mail.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi, all...me again.

I have this little Tixie working about as well as I can, without=
modifying it (ferrites are on order). Yeah, I know it's a toy,=
but
I'm learning a hell of a lot.

I got an Emtech ZM-2 QRP tuner and built it last night...this=
thing
is very nice, and works like a champ! Helps that little Tixie=
block
the BC quite nicely, and now I can hear lots of CW signals=
booming
in.

Two troubles: Jim's very much appreciated donation of a Tick=
chip
from a fried Tixie has helped, but the chip is seriously=
gacked...it
only keys at one speed, and pushing the button only makes it give=
a
Morse "I", then nothing. So I've been playing with it at one=
speed
while I wait for some new Tick chips to arrive. The other=
trouble is
that I really could use someone to talk to!

So the upshot: I'd like to arrange a sked to try this doodad out.=

Anyone interested? It's rockbound at 3.6864, so that's where=
it'll
have to be. :)

Thanks,
--- Gwen

-- Gwendolyn, wendy_lyn@unforgettable.com on 09/27/2000

Date: Wed, 27 Sep 2000 19:36:11 -0500
From: "John Burnley" <burnleyia@home.com>
To: <qrp-1@lehigh.edu>
Cc: <brolson@ties.k12.mn.us>
Subject: [80325] CLub: IAQRP FTP site is down
Message-ID: <002401c028e4\$19fc6600\$1b790818@c149552-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry gang but the FTP site seems to be busted. I've left a message for the manager of the site. If anyone wants a copy as an Email attachment let me know (765Kish). My apologies for the inconvenience. I'll let everyone know when it is available again!

72, John NU0V

Date: Wed, 27 Sep 2000 19:01:10 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-1@lehigh.edu>
Subject: [80326] Re: Parasite Contest
Message-ID: <B5F7F476.2B68%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Dteve - Thanks for you comments on the "parasite contest". I appreciate your input. My idea is to provide some competitive activity before and after the contest, but not to detract from the contest itself. Also I want the parasite activity to be low key.

Hence, I thought that the parasite activity should be shorter than the major contest (which are usually a few hours except for QRP Afield), and involve an exchange that was not commonly used, hence the grid square. Also, I thought that giving credit for the same grid square when worked from different grid squares would encourage people to try new grid squares.

None the less, I understand your desire to have more operating time. My trip to my FYBO and BUBBA site was 1.5 hours each way, to QRPTTF about 3 hours each way, and to QRP Afield 2 hours each way. I think that 24 hours is too much as it then becomes the major activity rather than the field contest. I am open to suggestions. Let me know. Duffey

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Wed, 27 Sep 2000 19:04:52 -0600

From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-1@lehigh.edu>
Subject: [80327] Re: Parasite Contest
Message-ID: <B5F7F554.2B69%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Allan - Thanks for your comments.

I imagine that the parasite contest would be low key so that if you missed an event or two, it would not matter. It might also offer some incentive for more participation in the other events.

I like the idea of grid squares as it is something new, does not detract from the original contest, and encourages people to operate from different sites. I too am tired of ur 599 NM Jim 5 W. Let me know if you have further ideas that would be useful. - Duffey

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Wed, 27 Sep 2000 21:29:17 -0400
From: "Ron McConnell" <rcmcc@lucent.com>
To: "'QRP-L'" <qrp-1@lehigh.edu>, <njqrp@njqrp.org>
Cc: <k5di@zianet.com>, <kc8aon@juno.com>
Subject: [80328] Grid Squares, Latitude & Longitude, etc.
Message-ID: <000101c028eb\$88079dc0\$e728ff87@nj7460rcmcc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rick (kc8aon), Karl (k5di),

WinGrid by "Chuck" Mills, W4SM, is indeed
a nice program. He now has version 3.3
at his web site
<http://www.cstone.net/~w4sm/ham1.html>

If naked, empty command lines don't intimidate you, :-)
you may also want to try my freeware DOS command
line grid-square/lat&long, great circle, MUF,

miles-per-Watt, program GCGC available from

<http://home.adelphia.net/~nj2dx/hoarc/gcgc9900.zip>

(which now is actually version 2000.3)

Rick, nearly any reasonable lat/long format
(degrees, degrees & minutes, deg & min & sec, n/s/w/e)
or grid is accepted as input and the other formats
are given in the input. You can store
your home lat/long (or grid) as the default
home location. The DX data base
is up to date as far as I know.
For example, a DOS command lines

```
g + Nunavut f 200
```

or

```
g + VY0 200 f
```

will yield bearings (magnetic and true),
distances and a MUF run for flux = 200
from my (or your) qth.

```
g 40 46 54 n 74.69 w jo00aa
```

or

```
g n 52 28 38.2 e 0
```

or

```
g Greenwich +
```

goes between my qth and Greenwich.

Unzip into a directory. Skim "readme.1st"
and "d2gread.txt" for the idea on how to do things.
"notes.txt" and other "*.txt" files
are there for whenever...
The file "geo-web.txt" gives several
lat/long and geographic web sites.

The last time I tried it ran on a HP 95LXn
DOS palmtop PC. It should work on a Poquet PC
and other DOS palmtops. I would like to know.

Comments and corrections are welcome.

Cheers, 73,

Ron McConnell
w2iol@arrl.net

Date: Wed, 27 Sep 2000 21:50:19 -0400
From: "C. J. Ludinsky" <cjl@mitre.org>
To: neqrp@jonal.net, qrp-1@lehigh.edu
Subject: [80329] NEQRP WQ1RP CW Net, Thursday 9:PM EDT, 7.041MHz
Message-ID: <39D2A3DA.302B1B36@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net meets again Thursday night, 28 Sept 00 at 9:00 PM EDT (0100Z, 29 Sep 00) on 40M on or around 7.041 MHz. Net control operator will be Jim, W1PID, working out of Sanbornton, NH. Please stop by and say hello to Jim and the rest of the net. We again expect excellent conditions in the East and through much of the country.

We had another excellent night on 80M last week, with 11 check-ins. Conditions were generally excellent, with very little QRN and little or no QRM. We had 599 reports throughout New England, and 549-559 to the midwest and Ontario. Only Bob Kellogg down in North Carolina required QSP support.

Thanks to all who joined our 80M net this evening, and hope to hear you regularly in future nets on 80M and 40M:

WB1HBE	John	Chelmsford, MA	Net Control
AB8DF	Ed	Waterford, MI	55N/55N, 5W, dipole
W1PID	Jim	Sanbornton, NH	599/599, 5W, dipole
K1CL	Chuck	Chelmsford, MA	599/599, 4W, G5RV
VE3SP	Ron	Hamilton, ONT	549/?, 5W, Inverted Vee
K1CWZ	Spi	Nashua, NH	
WA1JXR	Greg	Lancaster, MA	599/599, 3W, Zepp
W1CFI	Paul	Falmouth, MA	599/599, 2W, SW80
K1VP	Ed	Belmont, MA	2W, What's happening with Rochester?
WA8BXN	Mike	Cleveland, OH	559/339, 5W
AE4IC	Bob	NC	229/229

Please let me know of any mistakes, omissions, etc.

72 DE K1CL, Chuck.

Date: Wed, 27 Sep 2000 19:21:12 -0700
From: John Arnold <arnoldas@pacbell.net>
To: qrp-1@Lehigh.EDU
Subject: [80330] Epiphyte 3
Message-ID: <39D2AB18.6536E7C3@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

I too would like to buy an Epiphyte 3 kit unbuilt if you have ordered one and decided not to build it or simply don't want to buy it. You can contact me at wa6ysy@arrl.net.

John, WA6YSY

Date: Wed, 27 Sep 2000 22:41:30 -0400
From: Bob Kellogg <ae4ic@nr.infi.net>
To: KLQRP Reflector <klqrp@applegate.org>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [80331] Knightlites QRP Net
Message-ID: <39D2AFDA.850088F@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Guys,

Drag out the Tixies, Pixies and KnightSMiTes! Warm up the Sierras, K2s, EMTECHs, SW80s OHRs, HW8s and whatever else you have!

The Knightlites QRP net will resume this Sunday evening, Oct 1. Time is 9 PM Eastern time. (That's 0100 UTC Monday morning) We will listen for QRPP signals first, but all power levels are welcome!

The call is WQ4RP.

Frequency is 3.6864 MHz

I'll be the NCS, and will be rusty, so have patience. If you think you're too slow, just jump in anyway. We'll slow down.

Our net is very informal. It works like this:

1. The NCS calls CQ and announces the net is open. He will probably say something about his location and station and end with a final CQ and QNI.
2. Stations check in by sending their call sign. NCS acknowledges their callsigns and asks each to standby: i.e., AE4IC AS (NCS makes a list of stations as they check in)
3. After a few stations have checked in, NCS will ask each in turn for their comments. Comments normally include Name, QTH, RST plus anything else the station wishes to mention. We are always interested in power level, antennas, QRP activities, etc.
4. Periodically, NCS will ask if there are additional check-ins by sending CQ and ending with QNI. Additional stations will be added to the list and asked to comment in turn.
5. This continues until all stations have checked in and have had a chance to comment. Then NCS closes the net.

We are glad to hear from any station. This is a chance to test the 80 Meter band and your equipment.

--

73,

Bob Kellogg, AE4IC, Greensboro, NC
Prolobly, not nececelery. - Benny Hill

Date: Wed, 27 Sep 2000 22:46:21 -0400
From: S LYON <sslyon@worldnet.att.net>
To: na5n@rt66.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [80332] Re: Quiet Zone - GREAT INFO!
Message-ID: <39D2B0FD.16D4E63A@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks again, Paul for another great explanation -AND motive for a great compliment from my grownup "kids" on the company I keep.

73

-s-

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31

QRP-L 574 ARCI 9253

Date: Wed, 27 Sep 2000 21:57:36 -0500
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: <kc8aon@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [80333] Re: Latitude & longitude question
Message-ID: <01fe01c028f7\$dcc05800\$0200000a@mcg.net>

Take just the part of the decimal degrees to the right of the decimal and multiply it by 60. These are the minutes. Ex. 45.85 decimal degrees = 45degrees 51 minutes (60*.85)

----- Original Message -----
From: "Rick McKee" <kc8aon@juno.com>

| It is so QRP related ! Any one on the list know how to convert decimal
| degrees to degrees / minutes ?

73 de Cla KA0GKC

Date: Wed, 27 Sep 2000 22:51:41 EDT
From: Rick McKee <kc8aon@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [80334] Re: Latitude & longitude question
Message-ID: <20000927.230105.4383.1.kc8aon@juno.com>

Thanks Gang !

To many replies to answer direct, but I got my answer ! What a group, my qrp brain just wasn't working properly. After the first reply I could see the solution was very easy - "why didn't I think of that ?" Then one person recommended a scientific calculator and then I remembered the one I had in my desk drawer ! Oh well, I do have a "QRP" brain ! Many thanks to all who replied, I appreciate it very much.

73 ... Rick, KC8AON

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Wed, 27 Sep 2000 23:18:26 EDT
From: Macstein@aol.com
To: elecrafft@qth.net, fpqrp-l@mpna.com, qrp-l@lehigh.edu
Subject: [80335] AC7CF and AF4PS pull off 2 x QRPp K2 to K2
Message-ID: <76.366bc83.27041282@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Andrew, AC7CF put the finishing touches on his new K2 today, so I listened for him!! WOW, got well over 1000 mpw on the first QSO! We both went under a watt with solid copy, and I was using the indoor dipole! Salt Lake City, UT to nr Tampa, FL.

I'd say it works Andrew!!!! Special 1st QSO certificate is on the way!!!
Congratulations OM!!!!

72 es "oo"
-MAC-
AF4PS
Odessa, FL "Home of the Infamous Attic Dipole" and K2 #643

QRP-L #704, FISTS #5096, CC #754, NorCal #1998, Zombie #510,
ARCI #9843, AR QRP #257, HI QRP #83, Whiners #5, SOC #28,
West FL QRP, TARC, ARS #751, Flying Pig QRP #-51
and various other annual \$15 commitments.

Date: Thu, 28 Sep 2000 00:04:06 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@Lehigh.EDU>
Subject: [80336] u-310 FET Question
Message-ID: <3.0.32.20000928000401.0077bff4@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Why is the gate connected to the can on the metal version?
Perhaps the original intent was for a grounded gate amp.
Just curious...Makes it a bit skittish as a regen detector.
73 Pete NV4V

Date: Wed, 27 Sep 2000 22:58:53 -0500
From: "John Burnley" <burnleyia@home.com>
To: <qrp-1@lehigh.edu>
Subject: [80337] Club: IAQRP FTP site ...here's the deal
Message-ID: <003f01c02900\$6b544ec0\$1b790818@c149552-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK gang here is the deal. The site didn't crash but we were hitting the limit on simultaneous accesses. So if you have trouble getting into the site, just wait a bit (turn on the rig and chase that rare one) and try again a little later. Adam (AK0P) has the issue diagnosed and sent me a response back pronto. He and I have been able to get into the site within the last few minutes. So if you get a failure of any kind, try it again later. If you consistently fail over a period of time, then please let me know and I'll check with Adam again to see if there is another issue. Thanks for the interest in the newsletter and I hope you enjoy it. Check out Larry Stambaugh's (WB0RMT) CSS receiver project!

72, John NU0V

Date: Thu, 28 Sep 2000 03:15:04 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <plburbank@kih.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [80338] RE: u-310 FET Question
Message-ID: <CKEGICNFDIMCEKEDCEHFEEIOEDAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Pete... the U310 gate is connected to the metal case because it is intended to function as a low-noise, highly stable, grounded-gate amplifier.

73 Ed Tanton <n4xy@arrl.net>

website: <http://www.qsl.net/n4xy/>

Date: Thu, 28 Sep 2000 01:54:33 -0600
From: "Rod Cerkoney, N0RC" <n0rc@yahoo.com>
To: "qrp-1" <qrp-1@lehigh.edu>, "fpqrp" <fpqrp@egroups.com>, "ncarc-1" <ncarc@qth.net>
Subject: [80339] PROP: Interesting solar story at...
Message-ID: <001301c02921\$579c6220\$bfaa1618@ftclns1.co.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

<http://www.gsfc.nasa.gov/GSFC/SpaceSci/sunearth/tracecl.htm>

Here are the intro paragraphs:

FOUNTAINS OF FIRE ILLUMINATE SOLAR MYSTERY, OVERTURN 30 YEAR OLD
THEORY

TRACE CORONAL LOOP IMAGES

Fountains of multimillion-degree, electrified gas in the atmosphere of the Sun have revealed the location where the solar atmosphere is heated to temperatures 300 times greater than the Sun's visible surface.

Scientists discovered this important clue for solving the long-standing mystery of the hot solar atmosphere while observing the gas fountains (known as coronal loops) in unprecedented detail with NASA's Transition Region and Coronal Explorer (TRACE) spacecraft. Scientists are interested in the Sun's outer atmosphere, called the corona, because eruptive events occurring in this region can disrupt high-technology systems on Earth. Moreover, studies of the solar corona will help astronomers better understand other stars, which cannot be observed in as fine detail as the Sun.

...

73, Rod N0RC
Ft Collins CO

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Thu, 28 Sep 2000 04:28:58 -0400
From: Arthur Laurent <ALaurent@npr.org>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Cc: "'k5di@zianet.com'" <k5di@zianet.com>
Subject: [80340] RE: Grid-squares
Message-ID: <64ACCD0E0722D411AB6000400B40CE213D1234@npr-01-msg.npr.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Karl F. Larsen writes,

<...I really didn't know where you can get grid squares...

If you're a U.S. ham, and want your own or another U.S. ham's grid square, mouse on over to:

<http://www.buck.com/hammain.html>

and type the callsign in the box at the top of the page. That'll take you to the database. It also gives lat/long.

73 de KD4CS0
Art

Date: Thu, 28 Sep 2000 06:35:18 -0400
From: "N3BJ" <qrpdx@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [80341] WTD: Switches for PM-2A
Message-ID: <003101c02937\$ce138620\$f6ddcdcf@pavilion>

Anybody have any of those little black slide switches for the PM-2A ?
These have a black slider and a black trim ring. Need a few to restore a PM-2A recently acquired.

Thanks,

Alan, N3BJ

Date: Thu, 28 Sep 2000 06:45:35 -0400
From: "Thaire Bryant" <tbry37@ici.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [80342] Sept. 1994 QRPp
Message-ID: <200009281051.GAA15292@bajor.ici.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I will gladly pay copying and postage costs for a copy of Derry Spittle's article on the Epiphyte that appeared in this issue. My subscription started with Jan '95.

Thaire W2APF

Date: Thu, 28 Sep 2000 05:54:51 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: ALaurent@npr.org, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [80343] RE: Grid-squares -- Caveat
Message-ID: <3.0.2.32.20000928055451.0069533c@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Grid squares from the call sign data bases may not be that same as your specific location. If you have not supplied your specific latitude and longitude, then the one listed may be for your post office or other similar location. It may be the same as your actual grid square and it may not if you're near a grid border. For sub grids, it may be way off. Find your actual lat and long and enter it in the Call-sign data bases.

When I first changed addresses after moving to the country, my grid square was over 10 miles off.

><...I really didn't know where you can get grid squares...

>

>If you're a U.S. ham, and want your own or another U.S. ham's grid square,
>mouse on over to:

>and type the callsign in the box at the top of the page.

Chuck Carpenter, EM22cv, Point, Rains County, Texas

Date: Thu, 28 Sep 2000 11:03:57 -0400
From: Richard Arland <k7sz@epix.net>
To: Appalachian Trail <atrail-1@lehigh.edu>, Eastern PA QRP Club <epaqrp-1@lehigh.edu>, QRP ARCI LIST <qrp-parci@listbot.com>, QRP List <qrp-1@lehigh.edu>
Subject: [80344] Appalachain Trail (PA) Activation Saturday
Message-ID: <39D35DDD.8C15D771@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Saturday monring (Sept 30) around 1100 EDT (0800 PDT) I will be on the AT operating 20 meters ONLY for four (4) hours. My purpose is to provide Pennsylvania for those states west of the Mississippi that need PA for the EPA-QRP-Club Appalachain Trail award. My station will consist of a Red Hot NC-20 running a full 5 watts and a N2CX Gusher 20 meter dipole, up as high as I can get it.

Current plans call for me to be joined by Ed Breeuser, WA3WSJ, who will work 40 meters and Ron Polityka, WB3AAL, who will be working 15, 10 and possibly a WARC band or two.

This is a major AT activation, geared specifically for the mid-west and west coast operators. Be there or be square.

73 Rich K7SZ

Date: Thu, 28 Sep 2000 11:06:53 -0400
From: Richard Arland <k7sz@epix.net>
To: Appalachian Trail <atrail-1@lehigh.edu>, Eastern PA QRP Club <epaqrp-1@lehigh.edu>, QRP ARCI LIST <qrp-parci@listbot.com>, QRP List <qrp-1@lehigh.edu>
Subject: [80345] Re: [qrp-parci] Appalachain Trail (PA) Activation Saturday
Message-ID: <39D35E8D.DA1EFB70@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Boy, did I slaughter Ed's last name!!!!

Correction: Ed Breneiser, WA3WSJ....

Sorry about that, Ed. It's early!!!

73 Rich K7SZ

Richard Arland wrote:

>

> Current plans call for me to be joined by Ed Breeuser, WA3WSJ.....

Date: Thu, 28 Sep 2000 07:23:53 -0400
From: Arthur Laurent <ALaurent@npr.org>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Cc: "'w5usj@globeco.net'" <w5usj@globeco.net>
Subject: [80346] RE: Grid-squares -- Caveat
Message-ID: <64ACCD0E0722D411AB6000400B40CE213D1235@npr-01-msg.npr.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Chuck Carpenter says,

<...Grid squares from the call sign data bases may not be that same as your specific location. If you have not supplied your specific latitude and longitude, then the one listed may be for your post office or other similar location...

I live just up the hill from the Post Office. (There ARE many advantages to small(er) town life.) <g> The grids from the database line up real well with the ones I calculated from the USGS topo maps and with what the GPS receiver says.

The AMSAT site gives you lat/long conversion from the center of the grid square, no?

(How big an area is a sub-square, anyway?)

As always, Your Mileage May Vary.

Art KD4CS0

Date: Thu, 28 Sep 2000 07:43:20 -0400
From: Ronald_A_Pfeiffer@res.raytheon.com
To: qrp-1@Lehigh.EDU
Subject: [80347] WTD: Kenwood BT-5 AA battery case
Message-ID: <85256968.00405D4C.00@ressud-as01.res.ray.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

Content-Disposition: inline

This is an oldie but if anyone has one of these
laying around the shack please give me a shout.

Thanks Ron - N1ZSW

Date: Thu, 28 Sep 2000 08:04:41 -0400
From: "Brian" <brian@iquest.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [80348] Re: AC7CF and AF4PS pull off 2 x QRPp K2 to K2
Message-ID: <001f01c02944\$4884edc0\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I could barely make Andrew out during the Flying Pig QRP Club net last night
on 7044, and you were about 449 or so. I need to rotate my house so the
broad side of my dipole is aimed at Andrew instead of the ends. <heheheh>

Good job guys!

72

----- Original Message -----
From: <Macstein@aol.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, September 27, 2000 11:18 PM
Subject: AC7CF and AF4PS pull off 2 x QRPp K2 to K2

> Andrew, AC7CF put the finishing touches on his new K2 today, so I listened
> for him!! WOW, got well over 1000 mpw on the first QSO! We both went
under a
> watt with solid copy, and I was using the indoor dipole! Salt Lake City,
UT
> to nr Tampa, FL.
>
> I'd say it works Andrew!!!! Special 1st QSO certificate is on the way!!!
> Congratulations OM!!!!

Date: Thu, 28 Sep 2000 07:06:13 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: ALaurent@npr.org, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [80349] RE: Grid-squares -- Caveat
Message-ID: <3.0.2.32.20000928070613.0069f364@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Art and all,

>The AMSAT site gives you lat/long conversion from the center of the grid
>square, no?

I haven't checked them all but I'd expect that, unless you can enter
actuals, the programs calculate center to center on grids. This can be a
significant error if you are calculating distance.

>(How big an area is a sub-square, anyway?)

The two-letter field is 20 deg by 10 deg.

The two-number grid is 2 deg by 1 deg.

The two-letter sub grid is 5 min by 2.5 min. The sub grid starts at AA in
the lower left corner and ends at YY in the upper right corner.

The size in area of the grids depends on your lat & long, I'll let you do
the math for your grid 8^)...

My location, in EM22cv, puts me in the upper left corner of the grid.

BTW, for those not familiar with V/UHF operation and contesting, grids are
used rather than SPCs. Gives you a much better idea of where the other
station is. Also, there are awards based on the number of grids worked and
confirmed. Lots of SSB QRP operators on the VHF bands, especially 6 meters.

Chuck Carpenter, EM22cv, Point, Rains County, Texas

Date: Thu, 28 Sep 2000 06:11:04 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Arthur Laurent <ALaurent@npr.org>
Cc: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>

Subject: [80350] RE: Grid-squares
Message-ID: <Pine.LNX.4.10.10009280610170.808-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Or just mouse to www.amsat.org and get your own device.

On Thu, 28 Sep 2000, Arthur Laurent wrote:

> Karl F. Larsen writes,
>
> <...I really didn't know where you can get grid squares...
>
> If you're a U.S. ham, and want your own or another U.S. ham's grid square,
> mouse on over to:
>
> <http://www.buck.com/hammain.html>
>
> and type the callsign in the box at the top of the page. That'll take you
> to the database. It also gives lat/long.
>
> 73 de KD4CS0
> Art
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 28 Sep 2000 08:42:57 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>
To: "'k5di@zianet.com'" <k5di@zianet.com>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [80351] RE: Grid-squares
Message-ID: <95CB658F8515D211B84B00805FA728660332437B@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="windows-1252"

The easier way is to go to QRZ.com and enter your call or go to mapquest
and enter your address and it will give you your LONG. & LAT.

Jerry

W3CDE

-----Original Message-----

From: Karl F. Larsen [mailto:k5di@zianet.com]
Sent: Thursday, September 28, 2000 8:11 AM
To: Low Power Amateur Radio Discussion
Subject: RE: Grid-squares

Or just mouse to www.amsat.org and get your own device.

On Thu, 28 Sep 2000, Arthur Laurent wrote:

> Karl F. Larsen writes,
>
> <...I really didn't know where you can get grid squares...
>
> If you're a U.S. ham, and want your own or another U.S. ham's grid square,
> mouse on over to:
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>
> and type the callsign in the box at the top of the page. That'll take you
> to the database. It also gives lat/long.
>
> 73 de KD4CS0
> Art
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 28 Sep 2000 07:52:32 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-l@Lehigh.EDU
Subject: [80352] Grid Square Resources
Message-ID: <3.0.2.32.20000928075232.007ecb60@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Group,

There is a US grid square map in the back of the current Handbooks, page 30.43 in the 1999 book.

Also look here for more info including a link to the AMSAT page.

<http://www.ac6v.com/page5.html#GRID>

Chuck Carpenter, Point, Rains County, Texas -- EM22cv, RARA #003
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

Date: Thu, 28 Sep 2000 13:07:27 +0100
From: "Larry Wise" <lewise@txwises.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [80353] RE: Grid-squares
Message-ID: <200009281304.IAA85350@aoot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

On Thu, 28 Sep 2000 04:28:58 -0400, Arthur Laurent wrote:

...
>to the database. It also gives lat/long.
...

But remember folks, that probably is not the LAT/LONG of your house...It may be the local airport several miles away, or some other point around your town...

Could easily put you in the wrong grid square...

If you really want YOUR LAT/LONG, get out the USGS maps....

They're probably all on line in this day and age...Don't know...

FWIW

Larry KA5T
Georgetown Texas
EM10DQ

Date: Thu, 28 Sep 2000 09:03:35 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [80354] RE: QRP Bulls -- SS mini-contest
Message-ID: <125490A005E3D3118C9C00805FC743CCB2C66B@kahless.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Hi, Jim,

I will sign up as soon as I know what state I can be in. :-) (Hmmm, that somehow reminds me of an old hippie song...)

I think it would be GREAT if we could all know that there is at least one QRP entry from each state -- all the QRPers who are looking for 2XQRP would know that they had a chance to do it over the weekend.

Even better, I think that if we can really talk up the QRP activity, this mini 'test might just tip the scale; think of the bragging rights if the Q Class beats the B class in number of entries!

I called in a marker and I think I can get this announcement run on the ARRL Letter/Web Extra and I am doing a BIG pickup-truck favor for the guy who writes the contest results, so some contest-result PR for QRP is pretty much a given.

Now, if we all do a concentrated effort in the CW SS and we all turn in logs, maybe we can even beat the B class in number of points! :-) :-):-)

Please spread this around on other reflectors and mail it to any QRP friends who do not subscribe to the various reflectors!

73,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St
Newington, CT 06111
Tel: 860-594-0318
FAX: 860-594-0259
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org>
ARRL Technical Information Service: <http://www.arrl.org/tis/>

> -----Original Message-----
> From: Jim Stafford [mailto:w4qo@amsat.org]
> Sent: Wednesday, September 27, 2000 7:05 PM
> To: Low Power Amateur Radio Discussion
> Subject: QRP Bulls -- SS mini-contest
>
>
> Thanks to all who signed up. But we need more Bull(s) in addition to
> Nils R!! Note that we can have more than one per section too. Check
> the status at: <http://personal.palouse.net/rfoltz/arci/bullst.htm>
>
> If you didn't see the first post, check the contest.com web site at:
> <http://www.contesting.com/articles/107>
>
> Don't get hung up on the 15 hour commitment, that is meant to be more
> like a goal. i.e. you do the most you can. No one is going to put a
> "clock" on you. hi hi
>
> Let's have at least one per state if not one per section in this
> mini-contest.
> --
> Jim Stafford, W4Q0@arrl.net 770-993-9500
> President - QRP ARCI <http://www.qrparci.org>
> <http://www.qrparci.org/pix/arci050.gif>
>
>

Date: Thu, 28 Sep 2000 09:29:32 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [80355] Re: Grid-squares
Message-ID: <007f01c02950\$32518660\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just did some checking, and QRZ has me about 1/2 mile away.

Buckmaster has me about 2 doors down and across the street.

At least, when I convert and drop into an older Street Atlas.

They BOTH show me in the same grid square, FN42dc

Mike

> > <http://www.buck.com/hammain.html>
> >
> > and type the callsign in the box at the top of the page. That'll
take you
> > to the database. It also gives lat/long.
> >
> > 73 de KD4CS0
> > Art

Date: Thu, 28 Sep 2000 06:35:22 -0700
From: "K7FD-N7SG" <cqdx@teleport.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [80356] UPDATED Pacificon Attendance List
Message-ID: <000201c02950\$f51cc600\$5e231ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you will be attending Pacificon and would like your call to be included
on this list, please email me directly. I will repost the information and
any additions tomorrow evening.

73, John K7FD
Pacificon Convention info -> <http://www.pacificon.org/>
Pacificon QRP Events info ->
<http://www.fix.net/~jparkernorcal/pacificon00/pacificon00.htm>

AA10F Jerry
AK1P Paul
K1MG Mike

N2APB George
N2PTW Joyce

K4NK Les

AB5PC Dave
KA5DVS James
W5JAY Jay

AB6MB Jeff
AC6AN Ori

AC6KW Jeff
AD6A Dave
AD6CW Jim
AD6DI Casey
AD6GI Chuck
AD6KP Mark
AD6MX Jeff
K6EXT Ron
K6HCJ Marv
KD6ANH Lerma
KE6JJJ Jeremy
KE6MRH Robin
KE6RS Ron
KE6YTH Cindy
KF6IHU/9 Christian
KG6WU Ed
KI6DS Doug
N6KR Wayne
N6WG Bob
NA6E Mary
NB6M Wayne
W6ABC Jack
W6AGS Arth
W6EMD Dave
W6MMA Vern
W6YBS Judy
WA6GER Jim
WA6HHQ Eric
WA6MER Mike
WA6OWR Jerry
WT6P Mark

K7FD John
K7GT Allan
K7Q0 Chuck
K7TQ Randy
KD7S Bill
KD7CEL Margaret
KI7FQ Mike
KK7GG Mike
N7RR Bruce
N7SG Annette
N7VE Dan
N7XJW Bertie
NK7M Bob
NQ7K Mike
W7AQK Dave
WA7SPY Glenn

WD7Y Ed

WI8W Thom

NF0R Dave

W0MC Jerry

G3MFJ Graham

G4WIF Tony

Date: Thu, 28 Sep 2000 07:54:30 -0600
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [80357] License renewal & FCC maze?
Message-ID: <006c01c02953\$a07aca40\$d208710f@sg2939h.col.hp.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Gang,

I've been navigating the FCC site trying to figure out how to renew my ticket (expires 10/30/00). Sure isn't clear to me what they require or how to access online forms if this possible? The ULS stuff is kinda intimidating - like a 20 step process to use dial-in connection. (I use IE 5 so web access may not work! Definitely Gov. at work here!) But I'm ready yet to give 5 bux to some "W5" to figure it out for me. Is the snail mail 610 form route still accepted?

TIA Steve/n0tu

Date: Thu, 28 Sep 2000 09:59:33 -0400
From: ekwik@rtimail.com
To: qrp-l@Lehigh.EDU
Subject: [80358] Michigan QRP Net

Message-ID: <0F711239CB.7052A1D0-0N85256968.004BFFC7@rtimail.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Had a great time Tuesday night with eight check ins:

K8CV	Walt	Royal Oak, MI
K2JT	Joe	Montvale, NJ
WA8BXN	Mike	Kirtland, OH
WA9YDJ	Vance	Libertyville, IL
W8SFF	Steve	West Bloomfield, MI
KA9LHS	? checked in but never took his turn	
W9DZ	Allen	Michigan City, IN
NS80	Greg	Athens, OH

Thanks

The Michigan QRP net meets Tuesday nights at 9:00 pm Eastern time at 3.535 MHz. All check ins are welcome.

Ed AB8DF

Date: Thu, 28 Sep 2000 10:12:59 EDT
From: GElam30092@aol.com
To: qrp-l@lehigh.edu
Subject: [80359] Re: Grid-squares -- Caveat
Message-ID: <f5.31e50a5.2704abeb@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 9/28/00 3:56:03 AM US Mountain Standard Time,
w5usj@globeco.net writes:

<< Grid squares from the call sign data bases may not be that same as your
specific location. >>

For what it's worth, most of the Garmin GPS will give your location in a
variety of formats including the grid system.

Cheers,
Gerry Elam, K7LRO
PHX AZ

Date: Thu, 28 Sep 2000 09:37:14 -0500
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [80360] QRP propagation to Antarctica?
Message-ID: <200009281437.JAA21350@mail.lib.colum.edu>

I happened by accident last night to run into a large CW pileup on 30 m. caused by HF0POL operating at 10.105 from the South Shetland Islands. I just had to ask if anyone managed to break through that with QRP? I tried a bit, but didn't have the time to stick with it.

I don't remember ever hearing a clear signal like that from Antarctica or adjacent regions, either in my own 18 years as a ham or in the many years before that when I was SWLing. How frequently is it possible to make contact with Antarctic stations? I assume this is partly enhanced by current sunspot conditions and the fact that NA to the South Shetlands was a path entirely in darkness at that time so absorption was low. However, some experimenting with my simple MUF software still suggests that this is a path that is seldom open. (Yet I seem to recall lots of publicity in the 50s and 60s about scientific and military teams down there using ham radio to communicate with family back in the US.)

I assume HF0POL was **not** QRP, though I might be wrong. Surely some of the callers were low power, though. Have any of you made successful Antarctic contacts at QRP levels? (His CW was hypersonic speed, but I could work it out due to the simple pattern he was following, like a fox hunt. I certainly couldn't ragchew at that speed!)

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Thu, 28 Sep 2000 07:42:09 -0700
From: Bill Walker <windal@azstarnet.com>
To: qrp-l@Lehigh.EDU
Subject: [80361] RE: Grid-squares
Message-ID: <00092807451701.23266@deneb>
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

I went to QRZ.com and my lat/long was 5.2 miles off!
IMHO you should go to Mapquest as Jerry suggests.

On Thu, 28 Sep 2000, you wrote:

> The easier way is to go to QRZ.com and enter your call or go to mapquest
> and enter your address and it will give you your LONG. & LAT.

>

> Jerry

> W3CDE

>

--

Bill Walker - KD7JZB

kd7jzb@qsl.net

<http://www.qsl.net/kd7jzb>

Date: Thu, 28 Sep 2000 11:04:19 -0400
From: "Thaire Bryant" <tbry37@ici.net>
To: <qrp-1@lehigh.edu>
Subject: [80362] Sept '94 QRPp
Message-ID: <000101c0295d\$ecba3ee0\$8222380a@dp056.sysco.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have the info I needed, thank you all.

Thaire W2APF

Date: Thu, 28 Sep 2000 11:15:15 -0400
From: Paul Antoniewicz <pja@sofsol.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [80363] FS HW9
Message-ID: <213E5C009DFFD111AF93006008BFAB8E4F71A9@ssi12>
MIME-Version: 1.0
Content-Type: text/plain

Hi All,

I have for sale an HW-9 with Warc Bands. Very nice condition. Price is \$300 including shipping. Need to make room on my bench to finish building some other projects that have been put on the side. Please email direct to

save BW.

Tnx

Paul KD9R qrp-1 #1903

Date: Thu, 28 Sep 2000 08:27:24 -0700
From: Bob Nielsen <nielsen@oz.net>
To: Steve/n0tu <n0tu@webaccess.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [80364] Re: License renewal & FCC maze?
Message-ID: <20000928082724.A2129@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Not exactly, form 610 has been replaced by form 605, which is somewhat of a universal form for various services. You may also need to file form 606 to register your TIN with the FCC (I never could figure out whether this was required, but did it anyway). Both forms are downloadable from the FCC site (Adobe Acrobat .pdf files). Yes, you can file them by mail. I did so for both the vanity call application and my recent relocation from AZ to WA.

This is all changing somewhat with the conversion from ULS to CORES.

The ARRL web site has some information, as well.

73,

Bob N7XY

On Thu, Sep 28, 2000 at 07:54:30AM -0600, Steve/n0tu wrote:

> Hey Gang,
>
> I've been navigating the FCC site trying to figure out how to renew my
> ticket (expires 10/30/00). Sure isn't clear to me what they require or how
> to access online forms if this possible? The ULS stuff is kinda
> intimidating - like a 20 step process to use dial-in connection. (I use IE 5
> so web access may not work! Definitely Gov. at work here!) But I'm ready
> yet to give 5 bux to some "W5" to figure it out for me. Is the snail mail
> 610 form route still accepted?
>
> TIA Steve/n0tu
>

>

--

Bob Nielsen, N7XY
Bainbridge Island, WA

nielsen@oz.net
<http://www.oz.net/~nielsen>

Date: Thu, 28 Sep 2000 08:48:12 -0700
From: "Gene Alan Williamson C." <genewill@ordata.com>
To: qrp-l@Lehigh.EDU
Subject: [80365] 'Tis the season for stealth antennas
Message-ID: <200009281549.IAA80102@cobra.ordata.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Now that department stores are hauling out the Christmas items, it's time for the only stealth antenna project I know of that's All But Guaranteed to work, no matter how nasty your landlord or CC&R agreement:

1) Put up your dream dipole, long wire, whatever ... right out in the open.

2) Wind outdoor Christmas tree lights loosely along the flattop and feedline ... or you can tape them on, but to me it looks more "official" if the lights spiral around the antenna wire, so Mr. Copperweld becomes part and parcel of the finished product.

3) Test your lights now and again in the evenings; point them out to your neighbors. Heck, offer to extend a string of lights along the neighbor's back yard, they're so pretty.

4) Forget to take the lights down after Christmas.

73 Gene N7YW <genewill@ordata.com>
President, La Musica Foundation <http://www.lamusicafoundation.org>

Date: Thu, 28 Sep 2000 09:00:06 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@lehigh.edu
Subject: [80366] FS or Trade:Garmin GPS-45
Message-ID: <39D36B06.762E9FB7@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Unit is in perfect condition and is very accurate. The only reason I'm selling it is because I bought a smaller, lighter weight one for backpacking.

If you want to learn more about this GPS receiver you can download the GPS-45 owner's manual at:

<http://www.garmin.com/manuals/gps45.pdf>

Asking \$50, postage paid, or trade for something interesting what do you have?

--

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s/>

Date: Thu, 28 Sep 2000 12:03:01 -0400
From: "John Humphrey" <jhumphre@ultra-tech.com>
To: qrp-l@lehigh.edu
Subject: [80367] Manual for HW-7
Message-ID: <s9d33383.035@ultra-tech.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

Hi Gang,

I have acquired an HW-7 that is a little sick and of course I have no = manual. I know this was discussed not long ago, but I had no need at that = time. All help or leads on a manual is greatly appreciated!

72,73,
John W4IM QRP-L #1691
Stafford, Va.

Date: Thu, 28 Sep 2000 09:13:21 -0700
From: "Dean Rachwitz" <dean@totaltourtech.com>
To: <n0tu@webaccess.net>
Cc: <qrp-l@lehigh.edu>
Subject: [80368] RE: License renewal & FCC maze?
Message-ID: <NDBBLLDHFKDPMMKOJMJMEPKCGAA.dean@totaltourtech.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Steve,

A while back, I changed my address and then later filed for a vanity call and did it all online. The only form I had to mail was the payment form, and I only did that because I hadn't downloaded the 40 bit strong encryption version of Netscape which is required for online payment.

Basically, you first need to register with ULS. This will get you into the system and will register your TIN as well. Once you have registered with ULS, you'll then be able to take care of everything online. Its a bit confusing, but take your time, read all of the instructions and you should be able to figure it out. The ARRL web page is a good reference.

It used to be that you had to dial in directly to the FCC to actually file the 605, but recently they made it possible to file directly from the Internet. I haven't checked recently to see if they still require the use of Netscape. Their primary reason for using Netscape was they were using a Netscape-only piece that allowed compressed downloads of the forms and other stuff they use in the filing process.

Good luck, and feel free to email me directly with any questions. I'll do my best to help you get through it.

73,

Dean M. Rachwitz / K7ADN
Programmer Analyst
Total Tour Technologies
3200 N. Hayden Rd. #280
Scottsdale, AZ 85251
480.429.0089 x222
cell: 602.499.4991

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Steve/n0tu
Sent: Thursday, September 28, 2000 6:55 AM
To: Low Power Amateur Radio Discussion
Subject: License renewal & FCC maze?

Hey Gang,

I've been navigating the FCC site trying to figure out how to renew my ticket (expires 10/30/00). Sure isn't clear to me what they require or how to access online forms if this possible? The ULS stuff is kinda intimidating - like a 20 step process to use dial-in connection. (I use IE 5 so web access may not work! Definitely Gov. at work here!) But I'm ready yet to give 5 bucks to some "W5" to figure it out for me. Is the snail mail 610 form route still accepted?

TIA Steve/n0tu

Date: Thu, 28 Sep 2000 13:01:41 -0500
From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [80369] RE: Grid-squares -CAVEAT
Message-ID: <39D38784.9D713F98@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chuck is right. Do NOT trust buck.com or qrz.com or any other web site to give you your correct grid square locator based only on your address. Virtually every site I've examined, including Mapquest etc. does not generate accurate latitudes and longitudes based on street or postal addresses. The amount of error will vary depending on the population and postal density of the area in question, and probably in some cases (You live within 500 feet of your post office? That may not do it if they are using the geographic centroid of the zip code map instead of the post office location...) is close enough. But there is no need to take a chance on someone else's error.

QST for last November (1999) I think it was had an article on meteor scatter using APRS packet software. There was a good sidebar explanation of how to determine your lat/lon coordinates accurately by using mapping sites on the web. You need only to be able to find your location on a topo map. Of course, those of us who like maps probably have an actual paper topo map (about 3 bucks) of our home quadrant and can use it to get the coordinates.

Anyway, once you've got your REAL latitude and longitude, you can either download a conversion program or use the web based

calculators available on either the AMSAT or the ARRL web sites to get the grid square.

As for the size of a minor grid square, here in the midwest it is about the same size as a survey township: five or six miles square. In my case,

Buckmaster and QRZ were both way, way off. After I entered my correct lat/lon, though, they came up with the correct square. My post office is only 3 miles away, but the zip code centroid is much farther off (P.O. is in a corner of the zip code area.) As for Mapquest, based on my street/mailling address they don't even get me in the right county!

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Thu, 28 Sep 2000 11:01:01 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@lehigh.edu
Subject: [80370] Garmin GPS-45 Traded
Message-ID: <39D3875D.7138C4F8@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all who responded. I am sorry I don't have another GPS to trade.

--

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s/>

Date: Thu, 28 Sep 2000 13:56:48 -0400
From: Bill Coleman AA4LR <aa4lr@radio.org>
To: "Bob Confrey" <bob.confrey@SciAtl.COM>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [80371] Re: Antennas Feedline question....
Message-ID: <1000828135647.NAA07779@gate.iterated.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

On 9/25/00 12:27 PM, bob confrey at bob.confrey@SciAtl.COM wrote:

>I have some old (12 yrs) RG-8 coax, about 75 to 85 feet long, that
>I'd like to test to see if it's still good. It appears undamaged.

Hi, Bob!

>I have an MFJ-259 SWR analyzer.

This is an excellent tool, I have one as well.

>Can I use the analyzer to test it?

Yes, I think there's a procedure outlined in the MFJ manual for this.

> I

>have heard that you can terminate one end of a 50 Ohm transmission line
>with a 50 Ohm resistor, sweep it with the MFJ analyzer and you should
>see a flat response (SWR) across the HF range. Is this true?

Well, yeah, since you terminate it with its characteristic impedance, it should be pretty flat, but that doesn't tell you much of anything about the quality of the cable.

What you're really looking for is a measurement of loss. You can do this by leaving the far end of the coax open or shorted. This would cause an infinite SWR condition to exist at the far end of the coax. Then you can read the SWR near your frequency of choice from the 259 at the other end to check the loss.

What happens is that the loss in the coax improves the measured SWR from infinity at the open or shorted end, to something more reasonable. So, if you read something that's about 3:1, you know you have a pretty lossy piece of coax.

You can calculate the loss using the formula $\text{loss db} = 10 \log \left(\frac{\text{SWR} + 1}{\text{SWR} - 1} \right)$. This works for any SWR other than 1:1 (which would indicate infinite loss).

One problem is that the MFJ 259 isn't terribly accurate at measuring really high SWR. You can check it by shorting or leaving the connector of the unit open. An alternative is to use a fixed resistive load that gives a predictable SWR. A 500 ohm resistor should give a 10:1 SWR. Only problem is you can't use the handy formula above. You should also see loss change (increase) as you increase frequency, which will show up as a

gradually lowering SWR.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@radio.org

Quote: "Boot, you transistorized tormentor! Boot!"

-- Archibald Asparagus, VeggieTales

Date: Thu, 28 Sep 2000 13:05:28 -0700 (PDT)
From: Russ Thorp <ke6yme@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [80372] Epiphyte 3 board dimensions?
Message-ID: <20000928200528.27312.qmail@web2004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello,

What are the dimensions of the Epiphyte 3 board?

I'm trying to find out if any of the cases I

have are the right size.

Russ Thorp

KE6YME

Do You Yahoo!?
Yahoo! Photos - 35mm Quality Prints, Now Get 15 Free!
<http://photos.yahoo.com/>

Date: Thu, 28 Sep 2000 15:42:27 -0500
From: "Manager QRP-L" <manager@astro.cc.lehigh.edu>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [80373] QRP-L Buy/Sell FAQ
Message-ID: <044d01c0298c\$c05610c0\$0200000a@mcg.net>

Hi all,

Webmaster John KB1ENS and I were discussing adding an Internet Buying and Selling FAQ to the web pages. I'd like to include how to handle the money,

package the goods, information you should have, etc. Someone on the list used to post a good message about this once in a while. I tried to find it in the archives but failed. So if this was you, would you please email me direct. Also, if anybody else wants to input URL's to existing FAQ's on the subject or pointers as to what to include please let me know.

Send your replies directly to me and not the list please.

Thanks and 73 de Cla KA0GKC Manager QRP-L

Date: Thu, 28 Sep 2000 14:12:24 -0700 (PDT)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: ka9nzi@arrl.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [80374] Re: QRP propagation to Antarctica?
Message-ID: <20000928211225.26416.qmail@web804.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Made contact with him on 14260 SSB runing 4 to 5 watts
to 70ft indoor random wire. Wire is in attic, full
three story townhouse, attic at 32+ ft above ground.
Got a 57 from him here in northern Virginia.

Who says life is too short for QRP.

73, BILL

Do You Yahoo!?
Yahoo! Photos - 35mm Quality Prints, Now Get 15 Free!
<http://photos.yahoo.com/>

Date: Thu, 28 Sep 2000 15:39:38 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [80375] FS: QEX Back Issues
Message-ID: <3.0.5.32.20000928153938.009c6370@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Five years of QEX: January 1993 through December 1997 (unbound).

\$20 plus shipping.

72,
Larry W1HUE/7

Date: Thu, 28 Sep 2000 15:40:50 -0600
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "Joseph Burgess" <joew3pnl@netcarrier.com>
Cc: "QRP-L" <QRP-L@lehigh.edu>
Subject: [80376] Re: License renewal via ARRL
Message-ID: <001401c02994\$c5d8eb00\$b0561d82@sg2939h>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

GREAT!

Thanks Joe, for the info - will check it out!

And thanks to all who took the time to reply.

72, Steve/n0tu

-----Original Message-----
From: Joseph Burgess <joew3pnl@netcarrier.com>
To: n0tu@webaccess.net <n0tu@webaccess.net>
Date: Thursday, September 28, 2000 2:16 PM
Subject: Re: License renewal & FCC maze?

>Steve,
>
> If you are a member of the ARRL. Get a "NCVEC QUICK-Form 605.
This
>is the Form the VE's use. Fill it in down to your signature and date. Do
NOT
>fill in SECTION 2. Do not forget your SS# or TIN (If you have one). Send
to the
>ARRL. There is no charge for this service to MEMBERS.
>
>
72 de Joe
W3PNL

>
>Steve/n0tu wrote:
>
>> Hey Gang,
>>
>> I've been navigating the FCC site trying to figure out how to renew my
>> ticket (expires 10/30/00). Sure isn't clear to me what they require or
how
>> to access online forms if this possible? The ULS stuff is kinda
>> intimidating - like a 20 step process to use dial-in connection. (I use
IE 5
>> so web access may not work! Definitely Gov. at work here!) But I'm ready
>> yet to give 5 bux to some "W5" to figure it out for me. Is the snail mail
>> 610 form route still accepted?
>>
>> TIA Steve/n0tu
>
>

Date: Thu, 28 Sep 2000 18:17:17 EDT
From: Dean W Manley <kh6b@juno.com>
To: qrp-l@lehigh.edu
Cc: kh6b@juno.com
Subject: [80377] Re: Summer QRPP has arrived missing some pages though!
Message-ID: <20000928.121642.5463.3.kh6b@juno.com>

Hi Doug and Group,

My Summer QRPP also just arrived. Vy fb articles,
but pages 22 and 47 are blank in my copy.

Aloha,

Dean KH6B
Hilo Hawaii

<donaIdphilbin@hotmail.com> writes:

>My summer QRPP has arrived, . . .
>9&10 and 59&61 are missing. . .

>72, D.K. Philbin KD6TK

Date: Thu, 28 Sep 2000 18:17:10 -0400

From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-1@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [80378] CONTEST: QRP Contest Calendar - Oct 2000
Message-ID: <3.0.6.32.20000928181710.008c3980@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP Contesters,

October is one of the big contest months as you can see below. The PA QSO Party brings QRP into the forefront with a x2 multiplier to be fully competitive. Last year the top ten scores from out of state had 5 QRP stations! Much more activity than most and close to CA QSO Party. The BIG ONE for QRPers of course is the QRP ARCI Fall QSO Party. Hope to hear you ALL on that one!

Don't forget the ever popular ARS Spartan Sprint on the first Monday evening of *EVERY* month.

72 de Ken - N2CQ

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## QRP CONTEST CALENDAR

October 2000

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Tesla Cup Championship ... QRP Category

Sep 30 - 0000z to 2400z (Phone)

Oct 1 - 0000z to 2400z (CW)

Rules: <http://members.aol.com/k3bu/TeslaCup.htm>

~~~~~

Louisiana QSO Party (CW/PH) ... QRP Category

Sept 30 - 0000z to 2400z

Rules: <http://www.tchams.org/users/contest/laqp/>

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Texas QSO Party (All) ... QRP Category

Sep 30 - 1400z to Oct 1 - 0500z and

Oct 01 - 1400z to Oct 1 - 2000z

Rules: <http://myweb.onramp.net/~gedwards/tqp/rules.htm>

~~~~~  
Adventure Radio Spartan Sprint (CW) \*\*\* QRP CONTEST! \*\*\*

Oct 3 - 0100z to 0300z

Rules:

[http://www.natworld.com/ars/pages/spartan\\_sprints/ss\\_rules.html](http://www.natworld.com/ars/pages/spartan_sprints/ss_rules.html)

~~~~~  
Deutscher Telegraphie-Contest (CW) ... QRP Category

Oct 3 - 0700z to 1000z

Rules: <http://www.agcw.de/agcw-con/deutsche.html>

~~~~~  
UCWC Contest (CW)

Oct 7 0000z to 0800z

Rules: <http://www.sk3bg.se/contest/ucwc.htm>

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TARA PSK31 Rumble (PSK31 only) ... QRP Category

Oct 7 - 0000z to 2400z

Rules: <http://www.qsl.net/wm2u/rumble.html>

~~~~~  
Oceania DX Contest (PHONE)

Oct 7 - 1000z to Oct 8 - 1000z

Rules: <http://www.nzart.org.nz/nzart/update/contests/oceania.pdf>  
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F9AA Cup Contest (CW/PH)

Oct 7 - 1200z to Oct 8 - 1200z

Rules: <http://www.sk3bg.se/contest/f9aacc.htm>

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European Sprint (SSB)

Oct 7 - 1500z to 1859z

Rules: <http://home.online.no/~janalme/htmlrules/eusprint.html>

~~~~~

California QSO Party (CW/SSB) ... QRP Category

OCT 7 - 1600z to Oct 8 - 2200z

Rules: <http://www.cqp.org/Rules.html>

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RSGB 21/28 MHz Contest (SSB) ... QRP Category

Oct 8 - 0700z to 1900z

Rules: <http://www.arrl.org/contests/months/oct.html>

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Ten-Ten Day Sprint (All) ... QRP Category

Oct 10 - 0000z to 2400z

Rules: <http://listserv.lehigh.edu/lists/tenten-1/rules.html>

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Oceania DX Contest (CW)

Oct 14 - 1000z to Oct 15 - 1000z

Rules: <http://www.nzart.org.nz/nzart/update/contests/oceania.pdf>

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Pennsylvania QSO Party (CW/SSB) ... QRP Category and Bonus

Oct 14 - 1600z to Oct 15 - 0500z

Oct 15 - 1300z to Oct 15 - 2200z

Rules: <http://www.qsl.net/narc/parules.htm#Revised>:

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European Sprint (CW)

Oct 14 - 1500z to 1859z

Rules: <http://home.online.no/~jana1me/htmlrules/eusprint.html>

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FISTS Fall Sprint (CW) ... QRP Category

Oct 14 - 1700z to 2100z

Rules: <http://www.fists.org/~fists/sprints.html>

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North American Sprint (RTTY)

Oct 15 - 0000Z - 0400Z

Rules:

<http://www.ncjweb.com/index.php3?leftcol=contestmenu&rightcol=sprintrules1>

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Arkansas QSO Party (CW/PH/PSK31) ... QRP Category

Oct 21 - 0000z to 2359z

Rules: <http://www.arrl.org/contests/months/oct.html>

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JARTS WW RTTY Contest

Oct 21 - 0000z to Oct 22 - 2400z

Rules: <http://www.sk3bg.se/contest/jartsry.htm>

~~~~~  
Asia-Pacific Sprint (CW)

Oct 21 0000z to 0200z

Rules: <http://www.jsfc.org/apsprint/>
~~~~~

Rhode Island QSO Party (CW/SSB) ... QRP Category

Oct 21 - 0000z to Oct 22 - 2400z

Rules: <http://www.99main.com/~ctri/rules.htm>  
~~~~~

QRP ARCI Fall QSO Party (CW) *** QRP Contest ***

Oct 21 - 1200z to Oct 22 - 2400z

Rules: <http://personal.palouse.net/rfoltz/arci/fall.htm>
~~~~~

Virginia QRP Society Fall QSO Party \*\*\* QRP Contest \*\*\*

Oct 21 - 1200z to Oct 22 - 2400z

(Piggyback to QRP ARCI Fall QSO Party)

Rules: <Http://www.qsl.net/vqs>  
~~~~~

Worked All Germany Contest (CW/SSB) ... QRP Category

Oct 21 - 1500z to Oct 22 - 1459z

Rules: <http://www.darc.de/referate/dx/fedcg.htm>
~~~~~

RSGB 21/28 MHz Contest (CW) ... QRP Category

Oct 22 - 0700z to 1900z

Rules: <http://www.arrl.org/contests/months/oct.html>

~~~~~  
Illinois QSO Party (CW/PH)

Oct 22 - 1800z to Oct 23 - 0200z

Rules: <http://www.megsinet.com/~jematz/ilqso00.html>

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Ten-Ten International Net Fall QSO Party (CW) ... QRP Category

Oct 28 - 0000z to Oct 29 - 2400z

Rules: <http://listserv.lehigh.edu/lists/tenten-1/rules.html>

~~~~~  
CQ WW DX Contest (SSB) ... QRP Category

Oct 28 - 0000z to Oct 29 - 2400z

Rules: <http://cqww.com/2000rules.htm>

~~~~~  
Thanks to K3WWP, LA9HW, SM3CER, WA7BNM, ARRL and others  
for assistance in compiling this calendar.

Anyone may use this "QRP Contest Calendar" for your website, newsletter,  
e-mail list or other media as you choose.  
(Include a credit to the source of this material of course.)

72 de                                   \*\*\*\* QRP Contest Calendar \*\*\*\*  
Ken Newman - N2CQ                   <http://www.njqrp.org/data/contesting.html>  
N2CQ@ARRL.NET                       <http://www.n3epa.org/Pages/Contest/contest.htm>  
                                     <http://www.qsl.net/cqrp/contests.html>

-----  
Date: Thu, 28 Sep 2000 18:24:59 -0400  
From: Ken Newman <N2CQ@citnet.com>  
To: QRP-L@lehigh.edu, njqrp@njqrp.org  
Subject: [80379] Appalachian Trail - Trip Report (Long)  
Message-ID: <3.0.6.32.20000928182459.008efe70@mail.citnet.com>

Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

## Appalachian Trail Report

I'm sorry about the delay on the report on my trip to the Appalachian Trail. When you are away for quite awhile, things seem to surface when one returns. Anyway, better than never.

Why should a person who is 63 years of age decide to take an extended trip to the Appalachian Trail within a week from retirement? My family wanted to know too. I always wanted to return to the Skyline Drive and the Trail since we were there about 20-25 years ago. The new Trail Awards sponsored by the Eastern PA QRP Club also gave me the spark to do it. The weather all summer were such that kept me in the shack but at the end of the season I could wait no longer. Just for the record, I had no plan to hike from Maine to Georgia with a radio as many asked on the air. I only plan to use the Old Chevy to do most of the mountain climbing.

Thursday, Sept. 7, through Sunday, Sept. 10, 2000: Virginia

The trip started from Woodbury, NJ about 10:30 AM EDT to Big Meadows Campground with a tent, equipment and food for a week or so. Almost all the QRP equipment I had came along too.=20

The route was via I-95 and then I-66 west from Washington, DC to US29 then US211 to enter the Skyline Drive. The Old Chevy was working a little to get up the mountains but not like it was before when we used to come with a travel trailer. Since I was convinced I would come back or go to other national parks, I bought the "Golden Age Pass". The \$10 price for a lifetime pass can't be beat. On the way on the Skyline Drive I stopped at many overlooks to see the views. The nice day made it very worthwhile to see. =20

At Big Meadows I picked a campsite closest to the Trail. Mine was Y5, a very good site. If you plan to camp there try Y14. This is the best view to the mountains. My campsite was close enough to count as a trail station for the awards. I setup the tent and then the station. =20

In VA the station was a dipole fed with twin lead held up with a "Black Widow" fishing pole up about 18'. I used the MFJ 971 tuner. The 18' mast was not a big help but the elevation at camp at 3600' above sea level definitely did! The other equipment were the OHR 100A rig for 40m at 5 watts, the NW20 for 20m at 4 watts, 38 Special for 30m at 4watts and the Green Mountain 15 on 15 meters at 1 watt. Each had a QSO on the trail but 40 meters was the mainstay.

About 7 PM I was on the air making a few QSOs . I decided to cook some soup and move the station into the tent since it was dark. About 13 QSOs were made until 11 PM EDT. The first night weather was about the worst at 2 AM with strong wind and mist all night. I wasn't that sure the tent was



going to stay up so I covered the equipment and slept in the car. It was chilly most nights but cozy in the tent after that. The rest of the weather was much better. Sunday afternoon got a bit warm and the activity dropped off with the football so I spent some time hiking in the area.=20

Big Meadows is an excellent day trip from Washington or Baltimore and others. Many came on Saturday to camp too. There is a lodge with a dining room which I used several times, a camp store and grill room near the drive and an excellent visitors center with movies about the Shenandoah N.P. history and area. Ranger programs are just the thing for anyone especially kids. Good hiking trails are nearby which I enjoyed. Ice cubes and hot showers were available which are not found on the A-T very often.

Most of the operation on Thursday through Sunday afternoon was playing radio. The Saturday evening contesting put me on 30 meters working some DX and new states on the trail. 3B8CF and U5WF happened to be there and answered on the first call. Some interesting QSOs were on the Tuna Tin xmtrs of which went into the log. W9JOP/4 was worked with his TT2 more than once and N4UY also. Jake's QSOs were with his Manhattan style TT2. A contact with W2PE/2 was a kick for me. Their location was aboard the USS Little Rock, now at the Naval Park at Buffalo, NY. I was a sailor years ago as part of the crew of CLG-4. On Sunday morning I was happy to work WB3GCK/AT. Greg took a trip to the border of PA/MD on the A-T. Trail to Trail QSOs are the most rare of Trail contacts. 98 QSOs were logged on this stop with most rag chew contacts and some more than 30 minutes.

Monday and Tuesday, Sept. 11&12, 2000: West Virginia.

First thing was to break camp and get going to the next Trail spot. I started early to take the tent down before the possible rain came. It looked like it would. I haven't found it fun to pack up a wet tent or sleeping bag so the early start was successful. I stopped at some overlooks on the

Drive but the mist made it hard to see the mountains on the other side of the valley. I did stop at Skyland and check out the lodge and cabins. Doug, W4IDW had recommended it and I would too. An excellent vacation or a day trip. I also hiked the Limberlost Trail across the drive. This is one of the few locations where the Hemlock groves still stand before most were lost as lumber. This hike is excellent for anyone including the handicapped. The great Hemlocks make a trail one can't forget. I have a picture on the shack wall I hung about 20 some years ago of them. Beautiful! Moving on the drive, the fog became heavy and one couldn't see much ahead. It is like being in the clouds. I decided to take US211 down the mountain toward Luray, VA to improve the travel. The fog cleared up half way down the mountain. The next planned spot was at Key's Gap between Charlestown, WV and Leesburg, VA where the A-T crosses Rte 9 at the VA/WV border. It is a good spot to park and setup the station. I walked the trail for a short time to find the Skeeters were plentiful and active. I decided to put Key's Gap as a first choice for Tuesday and have the repellant in use.

I went on down to Harper's Ferry where I had reserved a room at the

Comfort Inn. The Inn is close enough to the trail to be a Trail Station. Unfortunately, the lower price rooms are on the wrong side of the building to put antennas up. I had to move to the pricey room to get the antenna erected. This time I used the N2CX Gusher 2 for 20 and 40. This fan dipole was also on the "Black Widow" mast, up 18' or so. When I set the station up and called CQ at 5 PM, it sounded like they were waiting for me.

For the 2.5 hours thereafter, I didn't have to call CQ. I quit at about 10 PM to enjoy the shower and catch the Monday Night Football. Yes, not the expected amenities for the A-T but I'm a senior ya' know!

Tuesday continued to be a busy day to continue giving QSOs from the trail from WV. The morning rain kept me at the room instead of going to Key's Gap. Early afternoon I took a break from the radio to visit the Harper's Ferry N.P. I was able to use the Golden Age Pass again to visit.

I seem to be more interested in the history of the area than I was 20 years ago when there. The park has been upgraded very well and the info is presented interestingly. I hiked the A-T on the foot bridge over the Potomac into MD. It is an excellent view of the two rivers and the mountains above. Harper's Ferry being a transportation center in the 1700s seem to be so today with the CSX freight trains coming through every 10-15 minutes. It's a neat view of them when they pass when you are on the foot bridge. I actually hiked most of the trail in WV by going up to the Jefferson Rock. WV is the shortest run of the A-T in any state probably less than 2 miles.

Back to the radio and more QSOs. I was lucky to narrow my needed states for the Trail Award to one left, GA. KB1ENS responded from VT needed from the help posted by my friends on QRP-L. Thanks John.=20

I logged 51 QSOs on this stop in WV.

Wednesday, Sept. 13, 2000: Washington Monument S.P., MD

The park is near to Boonsboro, MD to help locate the site. It wasn't far from WV. When I arrived, I hiked up the Trail to Washington's Monument itself. There are signs as you go up showing George's history. The monument was built by the local citizens of Boonsboro after Washington passed on. It has been kept in good shape by the state since. At the monument the view is striking. It is a complete overlook of the valley and mountains. It must be a sight to see at night from the valley with the lights placed on the monument

I found a good picnic table close to the Trail and set up the station. Again it seems the folks were looking for me when I came on about noon. This afternoon I spent more time on 20m looking for GA. I kept hitting around it but no GA. Coming back on 40m, I worked WB3AAL/AT at his usual AT location in PA. He called earlier at home to be sure I would be here. The weather was perfect at the park but I had to move the station into the shade. The OHR was drifting badly in the sun. Toward late afternoon I was not sure GA was going to show up at all. With a QSO with WD3P, Larry let me know he would post the GA need on QRP-L so I thought I had a chance. After working the remaining stations on 40m I moved to 20m and the first CQ was answered by AD4S. John was reading QRP-L and GA was in the log in the

last hour left in MD. I logged 25 QSOs at this stop. Time to go home for a few days before heading out on A-T in NJ and NY.

The interest on the trip the first day and thereafter was very surprising. The good folks at the NJQRP Club, Knightlites in NC, the EPA QRP Club, QRP-L Zombes and others, brought me more QSOs and concerns of my condition. A couple of operators in the NTS offered to relay traffic to home also. Many thanks to all!

Monday & Tuesday Sept. 18/19, 2000: New Jersey

Ed Breneiser, WA3WSJ had rented a cabin at the Mohican Outdoor Center in the northwest part of NJ. It is operated by the Appalachian Mountain Club.

He invited me to go along to play radio some more. Being the marvelous host that he is, I jumped at the chance. The cabin is about 20 mile off the

A-T. I went up early to get my stuff situated in the cabin and go out on the Trail on 20m to work some new states. Ed came about an hour later. Not much going on 20 so I went back to the cabin. Ed had set up the K2 and was in the process of preparing an excellent meal for the evening including big steaks with mushrooms and corn. Man, this is way better than when I was doing the cooking for myself in VA! Not only that, I get to play with Ed's K2! Did I mention Ed is a marvelous host? =20

In the AM Chef Ed did a repeat with a great breakfast with eggs, bacon and potatoes. After enjoying that, I went to a good AT location where it crosses route 602 above Blairstown, NJ. I liked that location better than the one near the cabin. Ed was packing his K2 for a hike to set up on the trail. My antenna this time was the twin lead dipole I used in VA, up 30' in a tree thanks to the EZ Launcher. The name "Slingshot" is not to be used in Jersey by the way. Just as I got it up, the rain came down. I threw the feeder in the car and set up the station inside. Everything tuned up ok and worked several stations including W9JOP/4 with his TT2 again. He came in as 579! I was worrying about Ed's situation hiking along with little cover. Just then two hikers came by to let me know he had been at the fire tower about a mile down the trail and he had climbed up to the top of the tower to get some shelter. He shortly answered my CQ to make another Trail to Trail QSO in NJ! It was raining all day so I stayed dry in the car working anyone who would call. After 4 PM I tried 20m. This time I worked IZ1BLE/QRP. I think having the antenna at 30' may have helped even the altitude was about 1500'. The rain stopped a little while so I thought I better shut down when I can, and head back to the cabin. I logged 29 QSOs on the trail from NJ. Ed was back at the cabin drying out and resting. He looked like he was glad to be out of the Great Outdoors. Ed had also started another creation for the evening meal. This time it was chicken breasts and big ones that he had marinated all day. Did I mention that Ed is a marvelous host? After enjoying the banquet, more K2 contacts off the trail and plans to get to the trail in the morning.

Tuesday Sept. 20, 2000: NY/NJ border on the A-T south of Uniontown, NY.

At Chez Ed, breakfast is always at the ready to begin the day and this was no exception. It was just the thing for us to get rolling to the next A-T location. =20

This part of NJ is never a quick trip. To get up there and find the Trail took at least 1 =BD - 2 hours. We went by the trail crossing the road several times until a neighbor happened to pull out of the driveway and got directions. Yes, Ladies, we asked for directions. It was about 1 PM before I was on the air. The antenna this time was an end fed half wave wire up about 15' in a tree and using the fish pole. First QSO was who else but WB3AAL/AT. He knew we would be here as many others did. Another Trail to Trail QSO and Ron logs two states for this award. The second QSO was of course WA3WSJ/AT. Ed was down the trail with the K2. Each logged two states for Trail to Trail award. Lots to go though for that one. Conditions seemed poor today based on the signal from W3BB0. I worked Bob at every stop with his strong signal. This time the QSB took over but still made a QSO. I really couldn't raise anybody so we had lunch. The entertainment for lunch was to watch the beekeeper across the road doing his thing with the bees. Since he had his beekeeper suit on it didn't seem a good idea to go over and ask questions just now. Instead we hiked up the trail for yet another fantastic view to the east. There are many of these on the A-T, Folks. A couple more contacts and that would be the end of the A-T traveling before Fall comes. (Really it was the next day!). I was ready for the road at 4 PM, hoping to get home by dark. Ed's hospitality had made the trip one that should not be missed. Thanks, Ed! Where are we going next time? ;-)

Thanks to all for the interest on the trip and the Trail itself. I hope to work many of you who can get your rigs into the Great Outdoors!

Log Summary: (on the trail only)

VA QSOS: 98

WV QSOS: 51

MD QSOS: 25

NJ QSOS: 29

NJ/NY QSOS: 5

Total Trail QSOS: 208

Trail WAS: 32 States

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Ken Newman - N2CQ

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=20

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=20

Ken Newman - N2CQ                   =3D=3D QRP CONTEST CALENDAR =3D=3D =20  
Woodbury, NJ                   http://www.njqrp.org/data/contesting.html  
N2CQ@ARRL.NET                   =20  
                                  =20  
                                  =20

-----  
Date: Thu, 28 Sep 2000 21:02:18 +0100  
From: "M0CQG" <m0cqg@dial.pipex.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [80380] Re my LDG tuner request for info  
Message-ID: <020801c02988\$a7b32340\$d65495c1@UKsolsf56>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

All

I recently posted a message here asking for opinions on the LDG tuners - in particular, the Z11. As usual, I got a whole host of replies - thank you very much to all who took the time to respond.

The overall opinion was that these LDG products seem to work very well indeed, and no-one noted any particular concerns about the build stages, other than that there is an updated build manual for the Z11.

Thanks again guys.

73

Mike  
M0CQG

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End of QRP-L Digest 1958  
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